

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: February 3, 2000, 14:15:30 ; Search time 54.75 Seconds
(Without alignments)
2612.935 Million cell updates/sec

Title: US-08-962-560A-3
Perfect score: 1235
Sequence: 1 CGAGGCTCAGCTCCGGCGC.....AGAAAAAAAAAAAAAAAA 1235

Scoring table:
IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 20703 seqs, 57918730 residues

Total number of hits satisfying chosen parameters: 415406

Minimum DB seq length: 0
Maximum DB seq length: 1000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database :
1: /cgnl_6/ptodata/2/1na/5A.COMB.seq:*
2: /cgnl_6/ptodata/2/1na/5B.COMB.seq:*
3: /cgnl_6/ptodata/2/1na/5C.COMB.seq:*
4: /cgnl_6/ptodata/2/1na/5D.COMB.seq:*
5: /cgnl_6/ptodata/2/1na/PTUS3.COMB.seq:*
6: /cgnl_6/ptodata/2/1na/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	69.6	5.6	774	3	US-08-463-081B-33 Sequence 33, Appl
2	69.6	5.6	774	3	US-08-461-379A-33 Sequence 33, Appl
3	69.6	5.6	774	3	US-08-462-390B-33 Sequence 33, Appl
4	69.6	5.6	1960	3	US-08-463-081B-9 Sequence 9, Appl
5	69.6	5.6	1960	3	US-08-461-379A-9 Sequence 9, Appl
6	69.6	5.6	1960	3	US-08-462-390B-9 Sequence 9, Appl
7	62.2	5.0	1931	4	US-09-130-114-2 Sequence 2, Appl
8	55.4	4.5	7218	1	US-08-232-463-14 Sequence 14, Appl
9	50	4.0	43280	3	US-08-804-227C-1 Sequence 11, Appl
10	49.8	4.0	12001	2	US-08-458-568A-11 Sequence 11, Appl
11	49	4.0	10596	1	US-07-884-811-15 Sequence 15, Appl
12	49	4.0	10596	1	US-07-885-971-15 Sequence 15, Appl
13	49	4.0	10596	1	US-08-087-783A-15 Sequence 15, Appl
14	49	4.0	10596	1	US-08-194-088B-15 Sequence 15, Appl
15	49	4.0	10596	1	US-08-194-088B-15 Sequence 15, Appl
16	49	4.0	10596	1	US-08-194-088B-15 Sequence 15, Appl
17	49	4.0	10596	1	US-08-194-088B-15 Sequence 15, Appl
18	46.8	3.8	1093	5	PCT-US93-04648-15 Sequence 15, Appl
19	46.2	3.7	12001	2	US-08-458-568A-11 Sequence 11, Appl
20	46	3.7	8438	1	US-07-945-283-1 Sequence 11, Appl
21	45.2	3.7	835	6	5223425-7 Patent No. 5223425
22	45	3.6	4897	6	5196516-7 Patent No. 5196516
23	43	3.5	1601	1	US-08-206-006-1 Sequence 1, Appl
24	43	3.5	30001	1	US-08-125-468-1 Sequence 1, Appl
25	43	3.5	30001	3	US-08-474-933-1 Sequence 1, Appl
26	42.6	3.4	4897	6	5196516-7 Patent No. 5196516
27	42.4	3.4	1335	6	PCT-US91-06532-1 Sequence 1, Appl
28	42.2	3.4	833	3	US-08-403-852D-3 Sequence 3, Appl

29	42.2	3.4	3590	1	US-08-587-889-1 Sequence 1, Appl
30	42.2	3.4	3590	5	PCT-US96-09193-1 Sequence 1, Appl
31	42.2	3.4	5392	3	US-08-403-852D-1 Sequence 1, Appl
32	41.4	3.4	1182	1	US-07-640-476-4 Sequence 4, Appl
33	41.4	3.4	1182	6	5290690-1 Patent No. 5290690
34	41.4	3.4	1566	6	5290690-3 Patent No. 5290690
35	41.2	3.3	1394	4	US-08-068-729-3 Sequence 3, Appl
36	41	3.3	770	1	US-07-906-349A-3 Sequence 3, Appl
37	41	3.3	770	1	US-08-167-035-3 Sequence 3, Appl
38	41	3.3	770	1	US-08-208-887A-3 Sequence 3, Appl
39	41	3.3	770	3	US-08-539-005-3 Sequence 3, Appl
40	41	3.3	2721	6	5215881-2 Patent No. 5215881
41	40.8	3.3	1389	2	US-08-484-438-41 Sequence 4, Appl
42	40.8	3.3	1797	2	US-08-463-163-2 Sequence 2, Appl
43	40.8	3.3	1869	3	US-08-356-786-15 Sequence 15, Appl
44	40.8	3.3	2760	4	US-08-743-637B-20 Sequence 20, Appl
45	40.8	3.3	5727	5	PCT-US91-02954-13 Sequence 13, Appl

ALIGNMENTS

RESULT 1
US-08-463-081B-33
Sequence 33, Application US/08463081B
Patent No. 5871960 5837487
GENERAL INFORMATION:
APPLICANT: Smith, Kendall A. & Beadling, Carol
TITLE OF INVENTION: Nucleic Acids Encoding CR5 Polypeptide,
TITLE OF INVENTION: Nucleic Acids Encoding CR5 Polypeptide,
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: PRETTY, SCHROEDER & POPLAWSKI
STREET: 444 South Flower St. - Suite 1900
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
SOFTWARE: Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,081B
FILING DATE: 5-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/104,736
FILING DATE: 10-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,066
FILING DATE: 20-NOV-91
ATTORNEY/AGENT INFORMATION:
NAME: Viviana Amzel, Ph. D.
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: P66 38150 (DAFT-060)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 622-7700
TELEFAX: (213) 489-4210
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 774 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-463-081B-33
Query Match 5.6%; Score 69.6; DB 3; Length 774;
Best Local Similarity 51.3%; Pred. No. 3.3e-07;

Matches 162; Conservative 0; Mismatches 154; Indels 0; Gaps 0;

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OY 303 CCCAGCCCGGCGACACTTCGCGACCTTCCTCCCTCCATCCGATACCGGGCA 362
    |||||
Db 149 CCCAGCCCGGCGACAGAGTAGAGCAAGGTGTGAGACCCAGAGAGAGATGTCTGTGCA 208
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OY 363 TCACGGGACGAGCGCGCTCTGAGCGCTTCCTATTTGGGAGACCCCTGAGCGTGC 422
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Db 209 TAGCAAGAGACTTCTCTACTTGGGAGATGTGCTGATGGGATTCATTACGGGCA 268
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OY 423 ACGGGGCGGACGAGCGGTGTGCTCCGAGCCCGTGGGCACTTTTGTGTGCGACAGTC 482
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Db 269 GCGAGGCGCGACGACACTGTGAGAGATGCCAGAGGACACTTCTAGTAGTGACAGCA 328
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OY 483 GTCAAGGAACTGCTTCTGCGCGCTTCAGCGCTTCGAGATGGCTTCGGGCGCCAGCATCC 542
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Db 389 GCATGAGTAGTGGCGACTTCAGCTTCGCTGTGACTCCAACTGCTTGTCCAGGCCACGCA 448
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OY 603 TTTTCGAGCTGCTGGA 618
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Db 449 TCCTGGCGCTTCCGGA 464
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RESULT 2

US-08-461-379A-33

; Sequence 33, Application US/08461379A

; Patent No. 5871961

; GENERAL INFORMATION:

; APPLICANT: Smith, Kendall A. & Beadling, Carol

; TITLE OF INVENTION: Nucleic Acids Encoding CR5 Polypeptide,

; TITLE OF INVENTION: Vector and Transformed Cell Thereof, and

; TITLE OF INVENTION: Expression Thereof

; NUMBER OF SEQUENCES: 35

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Ratner & Prestia

; ADDRESS: (B) STREET:One Westlakes-Berwyn

; CITY: Valley Forge

; STATE: Pennsylvania

; COUNTRY: USA

; ZIP: 19482

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0,

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/461,379A

; FILING DATE: 5-JUNE-1995

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/330,108; 08/104,736

; FILING DATE: 6-07/796,066

; FILING DATE: 27-OCT-1994; 10-AUG-1993 & 20-NOV-91

; ATTORNEY/AGENT INFORMATION:

; NAME: Viviana Amzel, Ph. D.

; REGISTRATION NUMBER: 30,930

; REFERENCE/DOCKET NUMBER: DART-070

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (610)470-0700

; TELEFAX: (610)470-0701

; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 774 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cDNA

; US-08-461-379A-33

Query Match

5.6%; Score 69.6; DB 3; Length 774;

Best Local Similarity 51.3%; Pred. No. 3.3e-07;

Matches 162; Conservative 0; Mismatches 154; Indels 0; Gaps 0;

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OY 303 CCCAGCCCGGCGACACTTCGCGACCTTCCTCCCTCCATCCGATACCGGGCA 362
    |||||
Db 149 CCCAGCCCGGCGACAGAGTAGAGCAAGGTGTGAGACCCAGAGAGAGATGTCTGTGCA 208
    |||||
OY 363 TCACGGGACGAGCGCGCTCTGAGCGCTTCCTATTTGGGAGACCCCTGAGCGTGC 422
    |||||
Db 209 TAGCAAGAGACTTCTCTACTTGGGAGATGTGCTGATGGGATTCATTACGGGCA 268
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OY 423 ACGGGGCGGACGAGCGGTGTGCTCCGAGCCCGTGGGCACTTTTGTGTGCGACAGTC 482
    |||||
Db 269 GCGAGGCGCGACGACACTGTGAGAGATGCCAGAGGACACTTCTAGTAGTGACAGCA 328
    |||||
OY 483 GTCAAGGAACTGCTTCTGCGCGCTTCAGCGCTTCGAGATGGCTTCGGGCGCCAGCATCC 542
    |||||
Db 329 CGCACCCGAGCTACTTCTTCAGCTGTGATGAAACCACTGCGGCCCAATATGAC 388
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OY 543 GCGTGCACTTCAGCGCGCGCTTCGACTTGAGCGGACGCGGAGACCTTGAGTGC 602
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Db 389 GCATGAGTAGTGGCGACTTCAGCTTCGCTGTGACTCCAACTGCTTGTCCAGGCCACGCA 448
    |||||
OY 603 TTTTCGAGCTGCTGGA 618
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Db 449 TCCTGGCGCTTCCGGA 464
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RESULT 3

US-08-462-390B-33

; Sequence 33, Application US/08462390B

; Patent No. 5882894

; GENERAL INFORMATION:

; APPLICANT: Smith, K. A. & Beadling, C.

; TITLE OF INVENTION: Nucleic Acids Encoding CR8 Polypeptide, Vector and

; TITLE OF INVENTION: Transformed Cell Thereof, and Expression Thereof

; NUMBER OF SEQUENCES: 35

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Ratner & Prestia

; ADDRESS: (B) STREET:One Westlakes-Berwyn

; CITY: Valley Forge

; STATE: Pennsylvania

; COUNTRY: USA

; ZIP: 19482

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/462,390B

; FILING DATE: 5-JUNE-1995

; PRIORITY APPLICATION DATA:

; APPLICATION NUMBER: USSN 08/330,108

; FILING DATE: 27-OCT-1994

; FILING DATE: 27-OCT-1994

; APPLICATION NUMBER: USSN 08/104,736

; FILING DATE: 10-AUG-1993

; APPLICATION NUMBER: USSN 07/796,066

; FILING DATE: 20-NOV-91

; ATTORNEY/AGENT INFORMATION:

; NAME: Viviana Amzel, Ph. D.

; REGISTRATION NUMBER: 30,930

; REFERENCE/DOCKET NUMBER: DART-040

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (610)407-0700

; TELEFAX: (610)407-0701

; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 774 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; US-08-462-390B-33

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;      TOPOLOGY: linear
;      MOLECULE TYPE: CDNA
US-08-462-390B-33

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Query Match	5.68;	Score 69.6;	DB 3;	Length 774;
Best Local Similarity	51.38;	Pred. No. 3.3e-07;		
Matches 162; Conservative	0;	Mismatches 154;	Indels 0;	Gaps 0;

[illegible]

RESULT 4
 US-08-463-081B-9
 : Sequence 9, Application US/08463081B
 : Patent No. 5871960
 : Patent No. 5871960 5837487
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 : GENERAL INFORMATION:
 :
 : APPLICANT: Smith, Kendall A. & Beadling, Carol
 : TITLE OF INVENTION: Nucleic Acids Encoding C85 Polypeptide,
 : TITLE OF INVENTION: Vector and Transformed Cell Thereof, and Expression Thereof
 : NUMBER OF SEQUENCES: 35
 :
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: PRETTY, SCHROEDER & POPLAWSKI
 : STREET: 444 South Flower St. - Suite 1900
 : CITY: Los Angeles
 : STATE: California
 : COUNTRY: USA
 :
 : ZIP: 90071
 :
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: Patencin Release #1.0,
 : SOFTWARE: Version #1.25
 :
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/463,081B
 : FILING DATE: 5-JUN-1995
 :
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 08/104,736
 : FILING DATE: 10-AUG-1993
 :
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 07/796,066
 : FILING DATE: 20-NOV-91
 :
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Viviana Amzel, Ph. D.
 : REGISTRATION NUMBER: 30,930
 : REFERENCE/DOCKET NUMBER: P66 38150 (DART-060)
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (213) 622-7700
 : TELEFAX: (213) 489-4210

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? INFORMATION FOR SEQ ID NO: 9:
?
? SEQUENCE CHARACTERISTICS:
?
? LENGTH: 1960 base pairs
?
? TYPE: nucleic acid
?
? STRANDEDNESS: single
?
? TOPOLOGY: linear
?
? MOLECULE TYPE: cDNA
?
? FEATURE:
?
? NAME/KEY: CDS
?
? LOCATION: 112..886
?
? US-08-463-081B-9

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Query Match	5.68	Score	69.6	DB 3	Length	1960	
Best Local Similarity	51.38	Pred.	No. 4.5e-07				
Matches	162	Conservative	0	Mismatches	154	Indels	0
						Gaps	0
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Db	260	CCCCAGCCACAGACAGAGAGTAGGCCAAGAAGTGTGAGACCAGAGAGAGATCTGCTGTCA	319				
QY	363	TCACGGCGACCAAGCGCGCTCTGTGACGCGCTCGCGCTTATTGGGGACCCCTGACGTGC	422				
Db	320	TAGCAAGACCTTCTCCTACCTTGCGGAAATGTGCTGTATTGGGGTTCATATCGGCA	379				
QY	423	ACGGGGGACAGACAGCGGGGTGCTGCCGAGCCGCTGGGACCTTGTGGTGGCGCACATC	482				
Db	380	GCGAGGCCCCCAACACTGCAAGATGTCAGAAAGGCACCTTCTTACTAGTGCACACA	439				
QY	483	GTCACAGGAATGCTTCTTCGCGTCAAGCGTCAAGATGGCTCGGGCCCCACAGACATCC	542				
Db	440	CGCACCCGAGTACTGTTCTACGCTGTCAAGTCAAGAAACACATCGTGGGCCCAATGTAC	499				
QY	543	GCGTGCACCTTCAGGCGCGCGCTTCCACTTGAACGGCAGCGCGAGACCTTCGACTGCC	602				
Db	500	GCAATGAGTATGCCGACTCCAGCTTCGTCGTAAGTCCACTGCTTGTTCAGGCGCACCA	559				
QY	603	TTTTCGAGCTGCTGGA	618				
Db	560	TCTGTGCTTTCGGA	575				

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QY 303 CCCCAGGCCCCGTGGGAGACACACACTCTCCGACACCTCCGCTCCCACTCCGATTACCGGGCA 362
QY 260 CCCCAGGCCCCGAGACAGAGATGAGCCAAAGGTGCTGGACCCAGAGAGAGATCTGCTGCA 31.9
QY 363 TCACGCGAGACCAAGCGCGCTCTTGAGCGCTTCGCGCTCTTATTTGGGAGACCCCTGAGCGTGC 4.22
QY 320 TAGCAAGAACCTTCTCTTACCTTCGGAACCTGGCTGTGTTTGGGGTTCATTACGGCCA 37.9
QY 423 ACGGGGAGCAGAGACGGCTGCTGGCCAGCGCCGAGGACACTTCTTGTCGGGACAGTC 48.2
Db 380 GCGAGGCCCCGACACACACTCTCAGAAAGATGCCAGAAAGCAGCTTCTTAGTACGTGACGCA 43.9
QY 483 GTCACAGGAACCTGTTCTTCTTCCGCTCAGCGCTGAGATGAGTGGCTTGGGGCCCCACAGCATCC 54.2
Db 440 GCGACCCCACTACCTGTTTACGCTGTCACTGTGAAGAACCACTCGTGGCCCCCAATGTAC 49.9
QY 543 GCGGCACTTCAGAGCGCGGCGGCTTCACACTGTGAGCGGACGCGGAGACCTTGAGCTGCC 60.2
Db 500 GCATTGAGTATGCCGACTCCAGCTTCGCTGTGAGTCTCAACTGCTTGTCCAGGCGCACGCA 55.9
QY 603 TTTTCGAGCTGCTGGA 618
Db 560 TCCTGCGCTTCCGGA 575

RESULT 5
US-08-461-379A-9
; Sequence 9, Application US/08461379A
; Patent No. 5871961
;
GENERAL INFORMATION:
;
APPLICANT: Smith, Kendall A. & Beasling, Carol
TITLE OF INVENTION: Nucleic Acids Encoding CR5 Polypeptide,
TITLE OF INVENTION: Vector and Transformed Cell Thereof, and
TITLE OF INVENTION: Expression Thereof
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSSEE: Ratner & Prestia
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
SOFTWARE: Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,379A
FILING DATE: 5-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/330,108; 08/104,736
APPLICATION NUMBER: 8 07/796,066
FILING DATE: 27-OCT-1994; 10-AUG-1993 & 20-NOV-91
ATTORNEY/AGENT INFORMATION:

```

RESULT 5
US-08-461-379A-9
Sequence 9, Application US/08461379A
Patent No. 5871961
GENERAL INFORMATION:
APPLICANT: Smith, Kendall A. & Beadling, Carol
TITLE OF INVENTION: Nucleic Acids Encoding CR5 Polypeptide,
TITLE OF INVENTION: Vector and Transformed Cell Thereof, and
TITLE OF INVENTION: Expression Thereof
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Prestia
CITY: Valley Forge
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19482
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
SOFTWARE: Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461.379A
FILING DATE: 5-JUNE-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/330.108; 08/104.736
APPLICATION NUMBER: 6 07/796,066
FILING DATE: 27-OCT-1994; 10-AUG-1993 & 20-NOV-91
ATTORNEY/AGENT INFORMATION:

```

? NAME: Viviana Amzel, Ph. D.
? REGISTRATION NUMBER: 30,930
? REFERENCE/DOCKET NUMBER: DART-070
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (610)470-0700
? TELEFAX: (610)470-0701
? INFORMATION FOR SEQ ID NO: 9:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1960 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: linear
? MOLECULE TYPE: cDNA
? FEATURE:
? NAME/KEY: CDS
? LOCATION: 112..886
? US-08-461-379A-9

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Query Match	5.68;	Score 69.6;	DB 3;	Length 1960;
Best Local Similarity	51.38;	Pred. No. 4.5e-07;		
Matches 162; Conservative	0;	Mismatches 154;	Indels 0;	Gaps 0;

QY	303	CCCCGCCCCCTGGGACACTACTCTCCGACACTTCCGCTCCCACTCCGATTACCGGGCA	352
Db	260	CCCCAGCCACAGAGAGTAGCCAAAGGTGTGACCCAGAGAGGATCTGCTGCA	319
QY	363	TCAGCGGACACAGGCGCTCTCTGAGCCTTCGCGCTTCTATTTGGGGACCCCTAGCGTGC	422
Db	320	TAGCAACAACTTCTCTACTCTTCGGGAAATCTGGCTGTATGGGGTTCATTACGGCCA	379
QY	423	ACGGGGCGCACGACGGCTGCGTCCGACCGCCGTGGGACACTTCTTGTGGCGGACATC	482
Db	380	GGGAGCGCCGCAACACCTGCAGAAAGATGCCAAGGACAGCTTCTTAGTACGTGACGCA	439
QY	483	GTCACGGAATGCTTGTCTCCGCTCAGCGCGAAGATGGCTTGGGGGCCCAACAGCATCC	542
Db	440	CGCACCCGACTACTGTTCTACGCTGTGATGGAATAACCACTCGTGGGCCCAACAAATAC	499
QY	543	GCGTGCACTTCCAGGCGCGCGCTGCTCACTTGCAGCGGACGCGGAGCACTTGCATGCC	602
Db	500	GCAATTGATATGCCGACTCCAGCTTCCGTGTGACACTCCAACTGTTTCCAGGCGACGCA	559
QY	603	TTTTCGAGCTGCTGGA	618
Db	560	TCCTGGCCTTCCGGA	575

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: RESULT 6
: US-08-462-3908-9
: Sequence 9, Application US/08462390B
: Patent No. 5882894
:
: GENERAL INFORMATION:
:
: APPLICANT: Smith, K. A., & Beadling, C.
: TITLE OF INVENTION: Nucleic Acids Encoding Cr8 Polypeptide, Vector and
: TITLE OF INVENTION: Transformed Cell Thereof, and Expression Thereof
:
: NUMBER OF SEQUENCES: 35
:
: CORRESPONDENCE ADDRESS:

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US-08-462-3905-9

NAME/KEY: CDS
LOCATION: 112..886

FEATURE:

MOLECULE TYPE: CDNA

TOPOLOGY: linear

STRANDEDNESS: single

TYPE: nucleic acid

LENGTH: 1960 base pairs

SEQUENCE CHARACTERISTICS:

INFORMATION FOR SEQ ID NO: 9:

TELEPHONE: (610)407-0700

TELECOMMUNICATION INFORMATION:

REGISTRATION NUMBER: 30,930

REFERENCE/DOCKET NUMBER: DAT-040

ATTORNEY/AGENT INFORMATION:

NAME: Viviana Amzel, Ph. D.

FILING DATE: 20-NOV-91

APPLICATION NUMBER: USSN 07/796,066

FILING DATE: 10-AUG-1993

APPLICATION NUMBER: USSN 08/104,736

FILING DATE: 27-OCT-1994

APPLICATION NUMBER: USSN 08/330,108

Query Match	5.6%	Score 69.6;	DB 3;	length 1960;
Best Local Similarity	51.3%;	Pred. No. 4.5e-07;		
Matches 162; Conservative	0;	Mismatches 154;	Indels 0;	Gaps 0

QY	303	CCCCGCCCCCTGGGGACACTC	ACTTCCGACCTTCCGCTCCCACTCCGATATACCGGGCA	3672
Db	260	CCCCGCCCCACAGAGAGTAGACCA	AGGTGCTGGACCCAGAGAGAGATCTGCTGGCA	3192
QY	363	TCACGGGACACAGGGGGCTCT	TGAGCCCTGCGGCTCTATTGGGGACCCCTGAGCTGC	4222
Db	320	TAGCCAAAGACTTCTCTACCTT	TGGGAACTGCGCTGATTGGGGTTCATTACGGCA	3797
QY	423	ACGGGGGCGCACGAGCGGCTG	CGGCCAGGCCCTGGGCACTTCTTGTCGCGCAGTC	4822
Db	380	GCGAGGCCCCGCAACACACTG	CAGAAAGATGCGCAGAAAGGCACGTTCTTGTAACGTGACGCA	4399
QY	483	GTCAGAGGAATGGTTCTTGGC	GCTGACGCTGAAGATGAGGCTTGGGGGCCCAACGACATCC	5424
Db	440	CGCACCCCACTACCTGTTCA	CGCTGTCACTGAAACCACTCGTGGGCCCAACCAATATAC	4599
QY	543	GCGTGCACTTCACGAGCGGCG	CGCTTGCATTTGACGCGACGCCCGGAGACTTGCATGCC	6022
Db	500	GCAATTGAGTATGCCAGACTC	CAAGTTCGCTGTGACACTCAACTGCTTGTCCAGGCGCAGCA	5599
QY	603	TTTTCGAGCTGCTGA	618	
Db	560	TCCTGGCCCTTCCGGA	575	

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RESULT 7
US-09-130-114-2
: Sequence 2, Application US/09130114
: Patent No. 5976807
:
GENERAL INFORMATION:
: APPLICANT: HOTLICK, Robert A.
: APPLICANT: DamaJ, Bassam B.
: APPLICANT: Robbins, Alan K.
: TITLE OF INVENTION: Eukaryotic Cells Stably Expressing Genes
: TITLE OF INVENTION: From Multiple Transfected Episomes
: FILE REFERENCE: 0867/1D903U1
: CURRENT APPLICATION NUMBER: US/09/130,114
: CURRENT FILING DATE: 1998-08-06
: NUMBER OF SEQ. ID NOS.: 36
:
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
:
LENGTH: 1931
TYPE: DNA

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```

NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: THOMAS G. PLANT 1501
STREET: LILLY CORPORATE CENTER
CITY: INDIANAPOLIS
STATE: IN
COUNTRY: USA
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII(DOS) Text only
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US-08/804,227C
FILING DATE: February 21, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Plant, Thomas, G.
REGISTRATION NUMBER: 35,784
REFERENCE/DOCKET NUMBER: X-8231
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-2459
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 43280 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 816..14234
FEATURE:
NAME/KEY: CDS
LOCATION: 14351..19945
FEATURE:
NAME/KEY: CDS
LOCATION: 20010..31199
FEATURE:
NAME/KEY: CDS
LOCATION: 31232..36067
FEATURE:
NAME/KEY: CDS
LOCATION: 36249..41774
US-08-804-227C-1

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	Query Match	Similarity	4.0%;	Score 50;	DB 3;	Length 43280;
	Best Local	Similarity	46.8%;	Pred. No. 0.02%		
	Matches	192;	Conservative	0;	Mismatches	215;
					Indels	3;
					Gaps	1;
QY	252	CGTCTCCGACAGGCGCCCGCGTGCCTCCCGCGCCCTGCGCGGCGGTGCCAGGCCAGCCC	311			
Db	17058	CCTACGACACAGGGGCTCCCGCTGGGGGTGCGCGCGCCCGACGAGCGGGTCCCTGCGCG	17117			
QY	312	CTGGCGACACTACTTCGCGACCTTCGCTCCCACTCCGATTACCGGGCGCATACGC---	369			
Db	17118	TGGCGCGCAACTGCCCACTACGCTTCACAGCGACCCACTACTGCGTCTGACGGGCGCG	17117			
QY	369	GGACACGGCGCTCTCTGGACGCTCGCGGCTCTATTGGGGACCCCTGAGCGCGACGGGG	428			
Db	17178	CCGCCCCCGCGCGCTCTCCCGCGGGGCTGACGAGCGCGGTACCCGCTGCTCTCGCGG	17237			
QY	429	CGCACGACGCGGTGCTGTCGCGAGCCGTGGGGACCTTCTTGGTGGCGACATGCTCAAC	488			
Db	17238	CCCTCGACTCTGCCCGCGGACGCGGAGCGGTGTGGACCGGAGCGCTCTTCGCGGGCACCC	17297			
QY	489	GGAACTGCTTTCGCGGCTCAGCGTGAAGATGGCTTCGGGGCCCAAGACATCCGCGTGC	548			
Db	17298	TGCCCTGGGCGCGGAGACACAGCTGACAGCGCGGACCGTCTTGC CGGGCGACCGGCCCTGC	17357			
QY	549	ACTTTCAGGCGCGCGCTTCCACTTGGAGCGGACGCCCGAGACCTTTCGACTGCTTTTTCG	608			

Db 17358 TCGACCTGGGGGCTCCACGCGCGCGCGCGCGCTGGGGAATTGACTTTCGAGGCGCGCTGG 17417

QY 609 AGCTGCTGAGACATCACTGCGCGCGCGCGCGCCGACATGTTGGGGGCGCG 658

Db 17418 TGGTGGCGGAGGACGAGAGAGCTCCGCGCTGGCGCGCTGATCGCTGAAACCG 17467

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: RESULT 10
: US-08-458-568A-11
: Sequence 11, Application US/08458568A
: Patent No. 5821339
: GENERAL INFORMATION:
: APPLICANT: Schaffer, Priscilla A.
: APPLICANT: Yeh, Lily
: TITLE OF INVENTION: Compositions and Methods for Treatment of Herpesvirus
: TITLE OF INVENTION: Infections
: NUMBER OF SEQUENCES: 15
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5821339rls
: STREET: One Liberty Place, 46th floor
: CITY: Philadelphia
: STATE: PA
: COUNTRY: USA
: ZIP: 19103
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Wordperfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/458,568A
: FILING DATE: 02-JUNE-1995
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/065,146
: FILING DATE: 05-MAY-1993
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: leaty Ph.D., Kathryn R.
: REGISTRATION NUMBER: 36,317
: REFERENCE/DOCKET NUMBER: DFCI-0029
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (215) 568-3100
: TELEFAX: (215) 568-3439
: INFORMATION FOR SEQ ID NO: 11:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 12001 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEetical: NO
: ANTI-SENSE: NO
: ORIGINAL SOURCE:
: ORGANISM: Herpes simplex virus
: STRAIN: Herpes Simplex Virus Type 1
: US-08-458-568A-11

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[illegible]

QY 375 GCGGCTCTGAGCGCTGCGGCTCTATGAGGACCCCTGAGCGAGCGGGGCGACG 434
DB 2797 TCGCCCTCTGCGCCCTCTCTGCTGCTGCGCCCTCTGCGCCCTCTGCGCCCTCTC 2738
QY 435 AGCGGCTGCGTCCGAGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 494
DB 2737 TCGCCCTCTGCTGCTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 2678
QY 495 GCTTCTGCGGCTGAGCGTGAAGATGCGTGGGCGCGCGCGCGCGCGCGCGCG 554
DB 2677 TCGCTCTGCG 2618
QY 555 AGCGGCG 614
DB 2617 TCGCCCTCTGCTGCTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 2558
QY 615 TGGAGCACTAGTGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 674
DB 2557 TCGCTCTGCG 2498
QY 675 TCG 734
DB 2497 TCGCTCTGCG 2438
QY 735 TGGCG 794
DB 2437 TCGCTCTGCG 2378
QY 795 TCTGACCGGCTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 821
DB 2377 CCGCTCTGCG 2351

RESULT 13
US-07-885-971-15/c
Sequence 15, Application us/07885971
Patent No. 5328837
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J., Lokker, Nathalie A., Mark, Melanie R.
TITLE OF INVENTION: HEPATOCYTE GROWTH FACTOR PROTEASE DOMAIN VARIANTS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/885,971
FILING DATE: 19920518
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 779
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 10596 bases
TYPE: NUCLEIC ACID

STRANDEDNESS: single
TOPOLOGY: linear
US-07-885-971-15

Query Match 4.08; Score 49; DB 1; Length 10596;
Best Local Similarity 43.58; Pred. No. 0.031;
Matches 273; Conservative 0; Mismatches 350; Indels 4; Gaps 1;

QY 195 CGATCTCCCGGCGAGAGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 254
DB 2973 GCGGCTTCACTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 2914
QY 255 CCG 314
DB 2913 GCGGCTTCTGCTGCTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 2854
QY 315 GCGACACTAGTTCG 374
DB 2853 GCTCTGCG 2798
QY 375 GCGGCTCTGAGCG 434
DB 2797 TCGCCCTCTGCG 2738
QY 435 AGCGGCTGCGTGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 494
DB 2737 TCGCCCTCTGCTGCTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 2678
QY 495 GCTTCTGCGGCTGAGCGTGAAGATGCGTGGGCGCGCGCGCGCGCGCGCGCG 554
DB 2677 TCGCTCTGCG 2618
QY 555 AGCGGCG 614
DB 2617 TCGCCCTCTGCTGCTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 2558
QY 615 TGGAGCACTAGTGGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 674
DB 2557 TCGCTCTGCG 2498
QY 675 TCG 734
DB 2497 TCGCTCTGCG 2438
QY 735 TGGCG 794
DB 2437 TCGCTCTGCG 2378
QY 795 TCTGACCGGCTGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCGCG 821
DB 2377 CCGCTCTGCG 2351

RESULT 14
US-08-087-783A-15/c
Sequence 15, Application us/08087783A
Patent No. 5547856
GENERAL INFORMATION:
APPLICANT: Godowski, Paul J., Lokker, Nathalie A., Mark, Melanie R.
TITLE OF INVENTION: HEPATOCYTE GROWTH FACTOR VARIANTS
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

[illegible]

Search completed: February 3, 2000, 14:18:00
Job time: 150 sec